

100

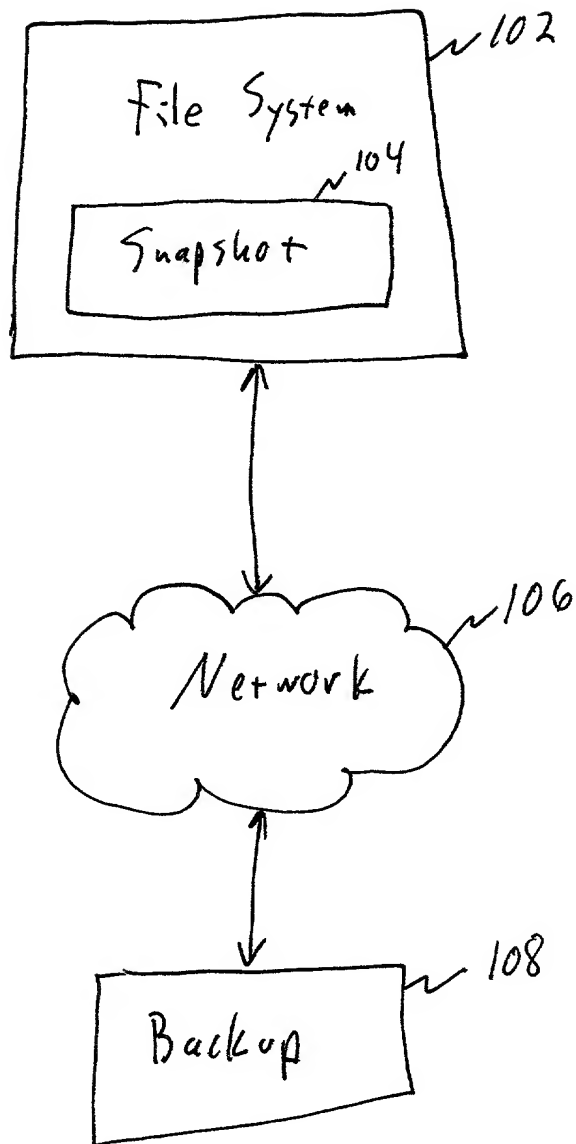


FIG. 1

200

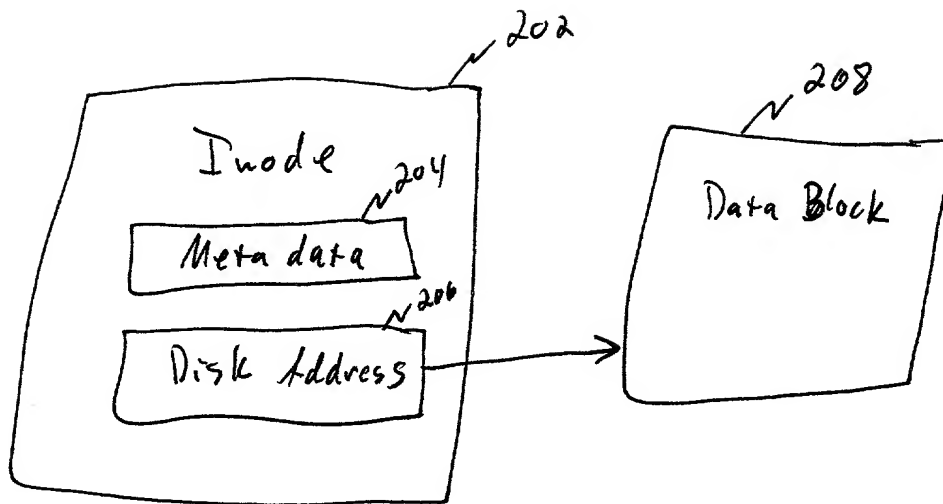


FIG. 24

250

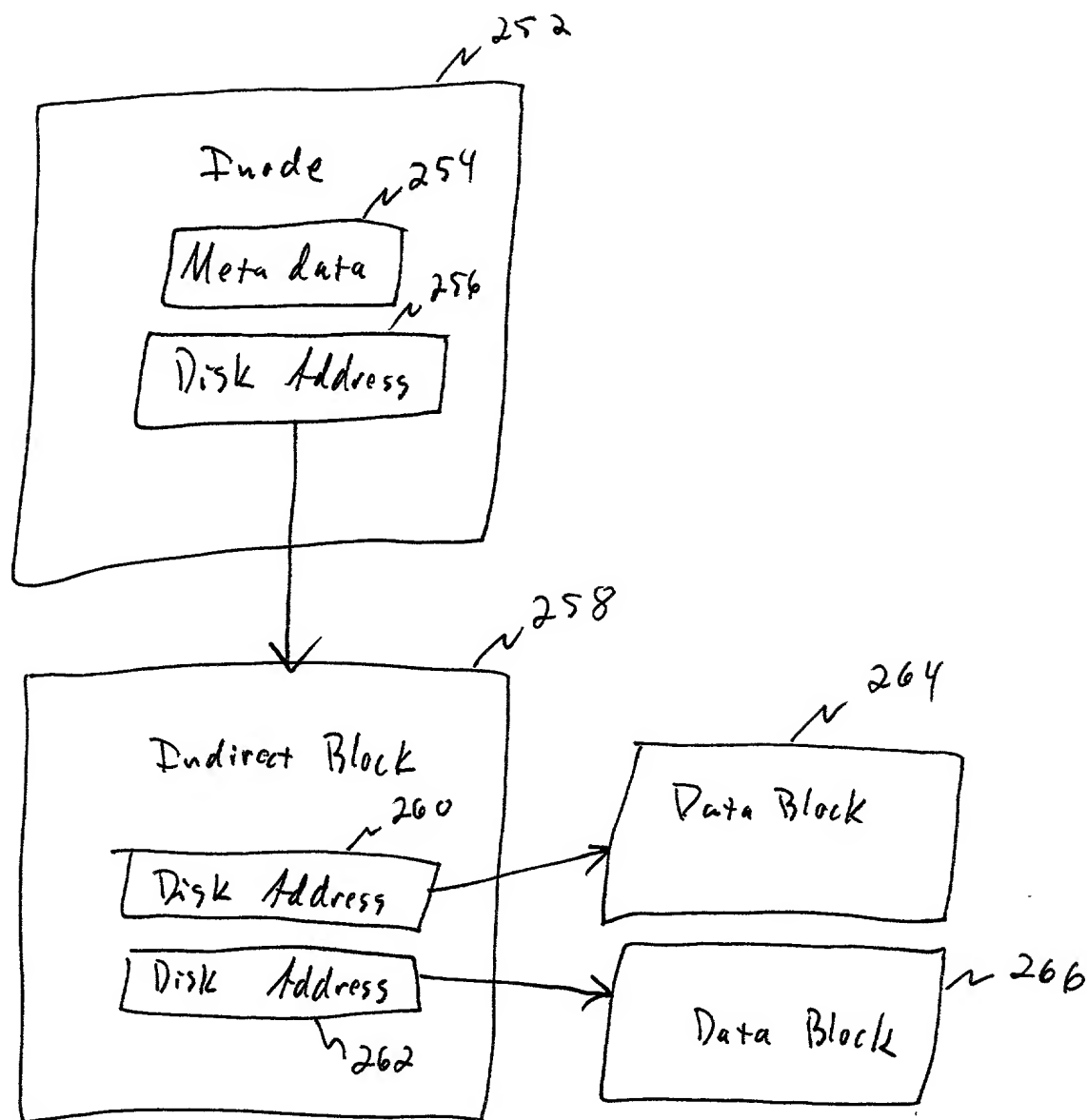


FIG. 2B

1007374.021503

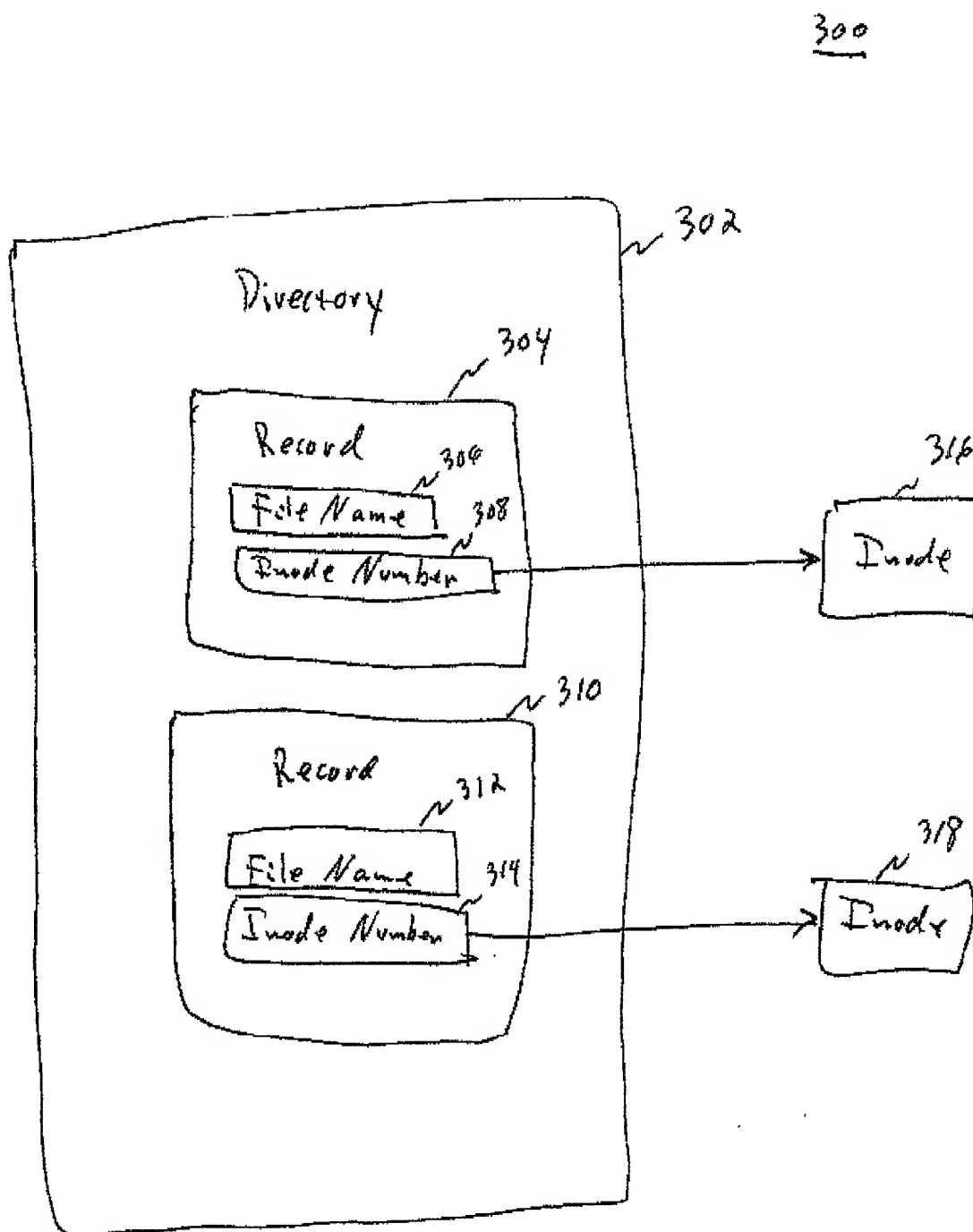


FIG. 3

10077374.021503

400

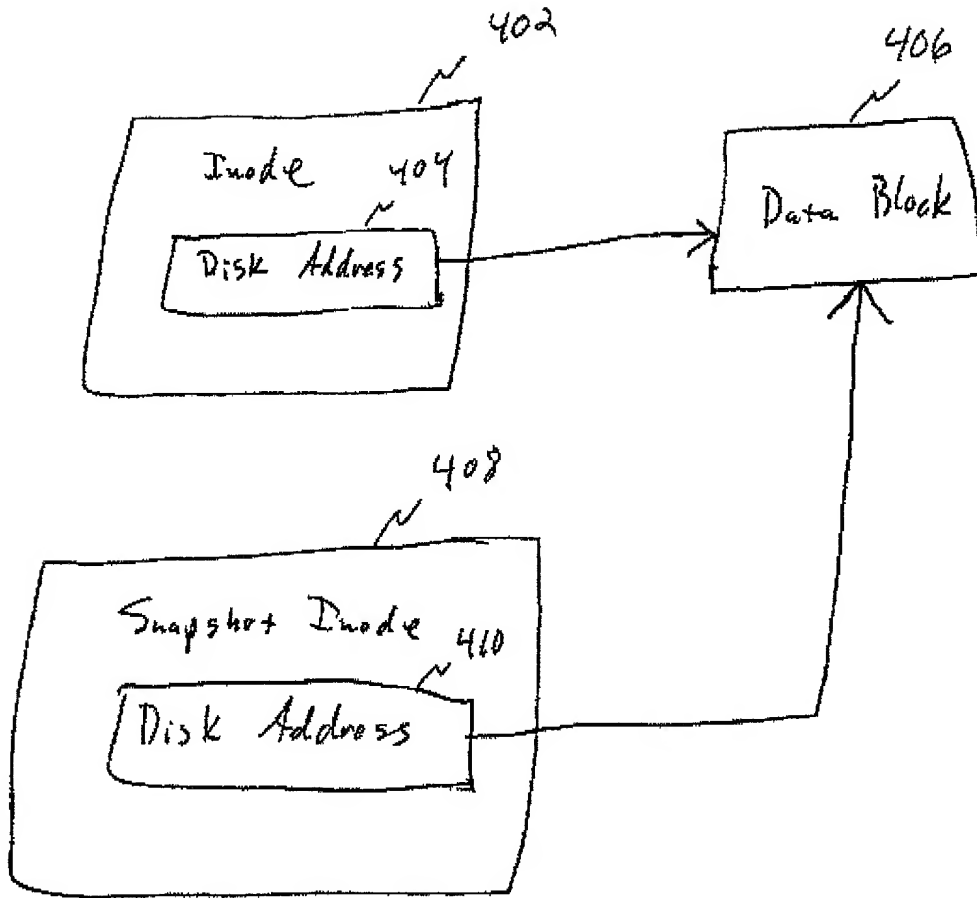


FIG. 4

500

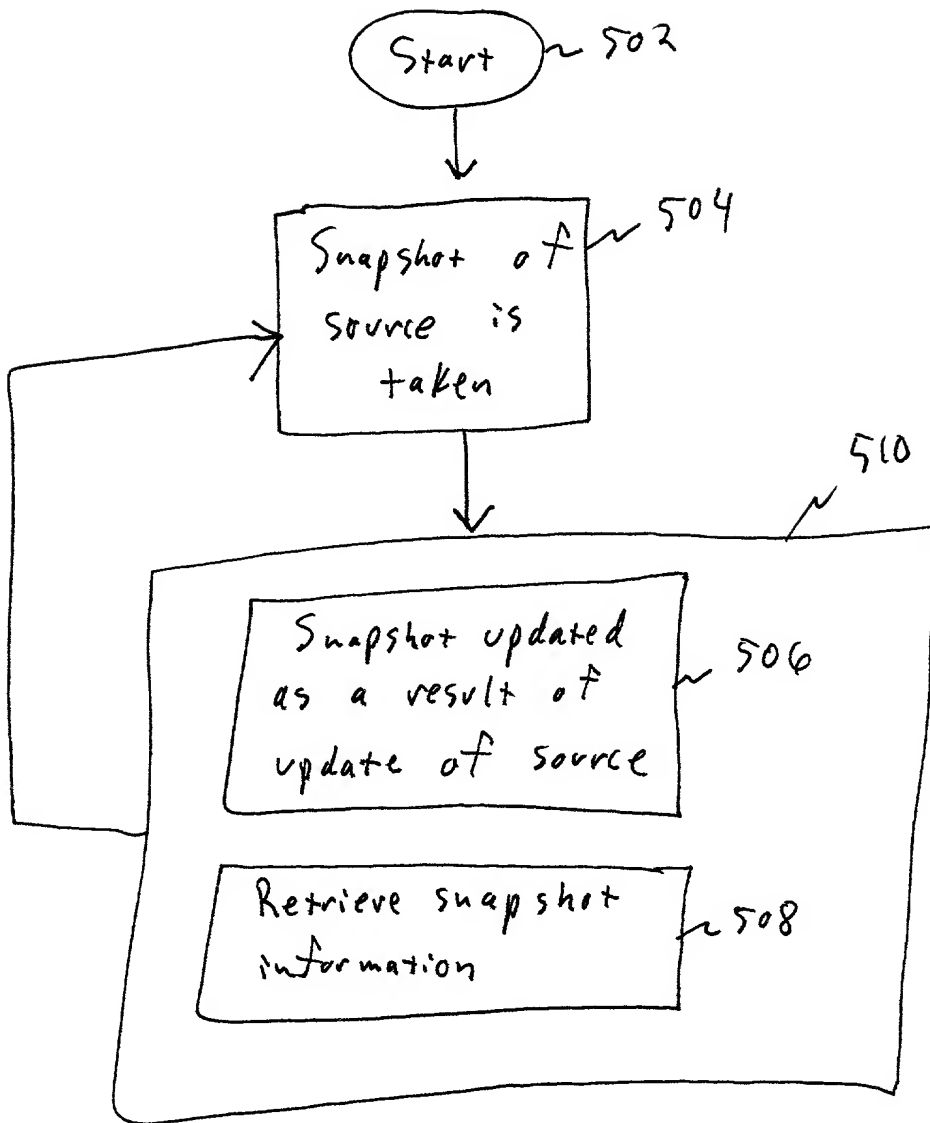


FIG. 5

600

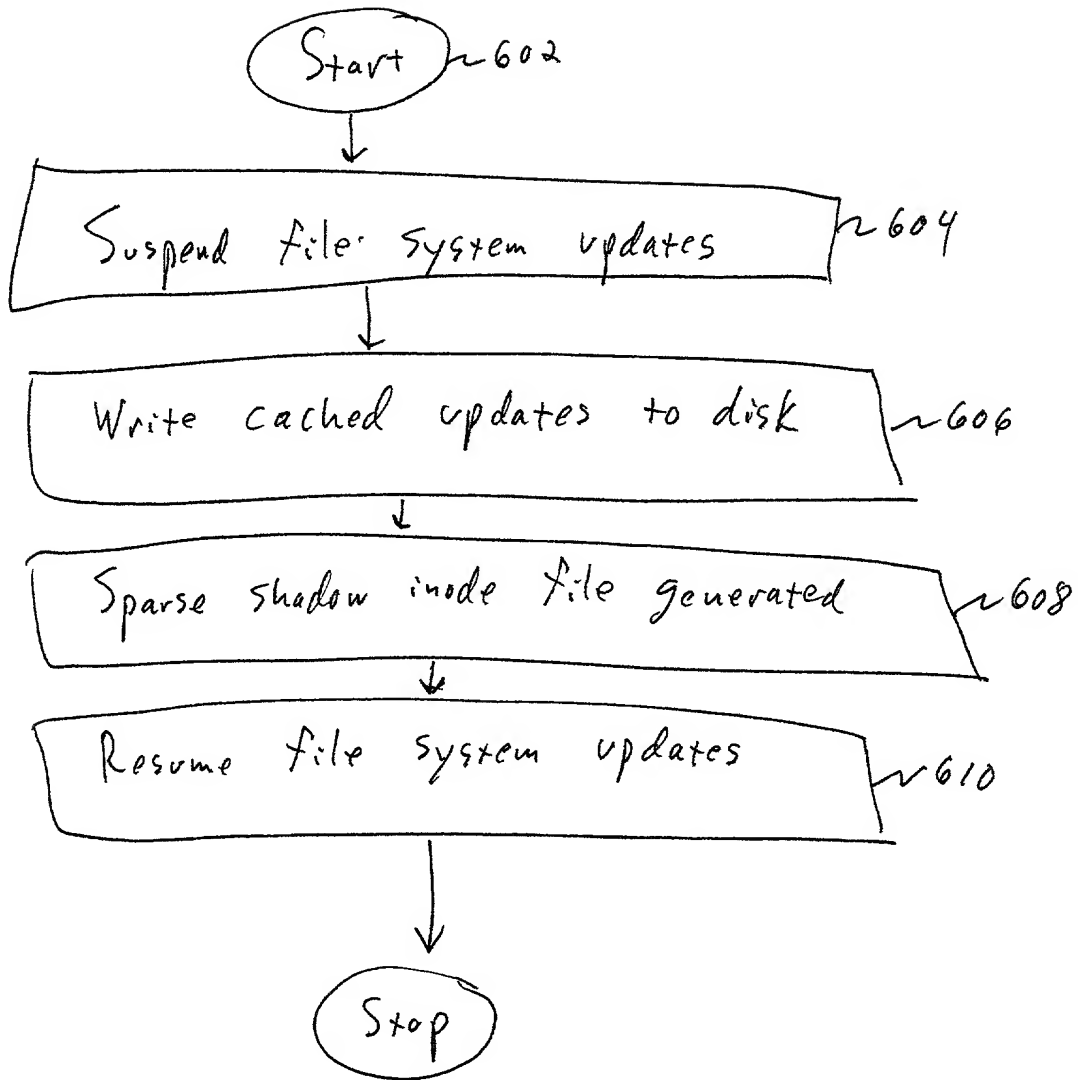


FIG. 6A

620

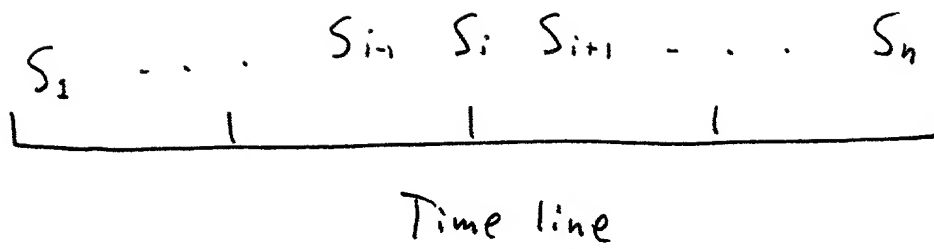


FIG. 6B

700

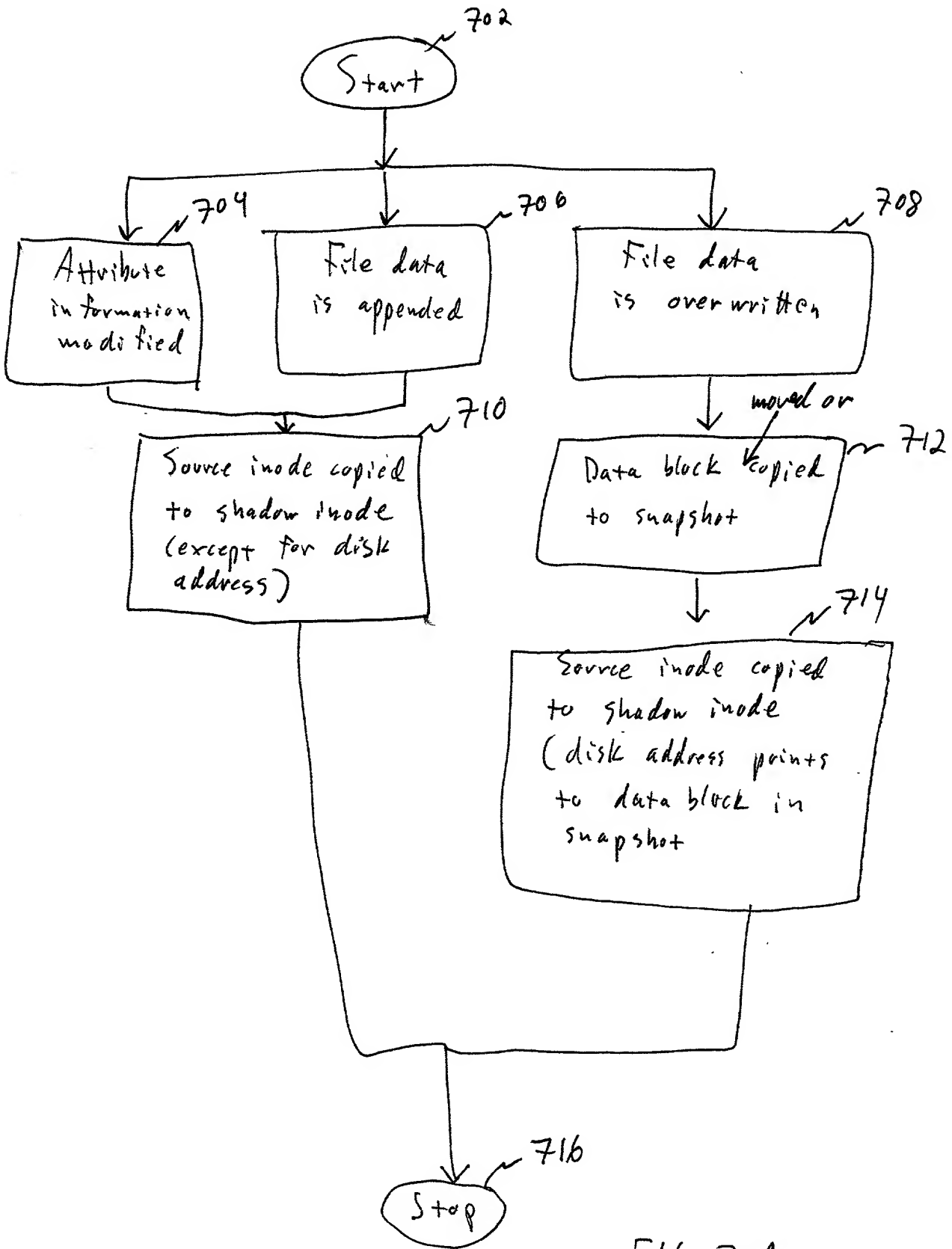


FIG. 7A

720

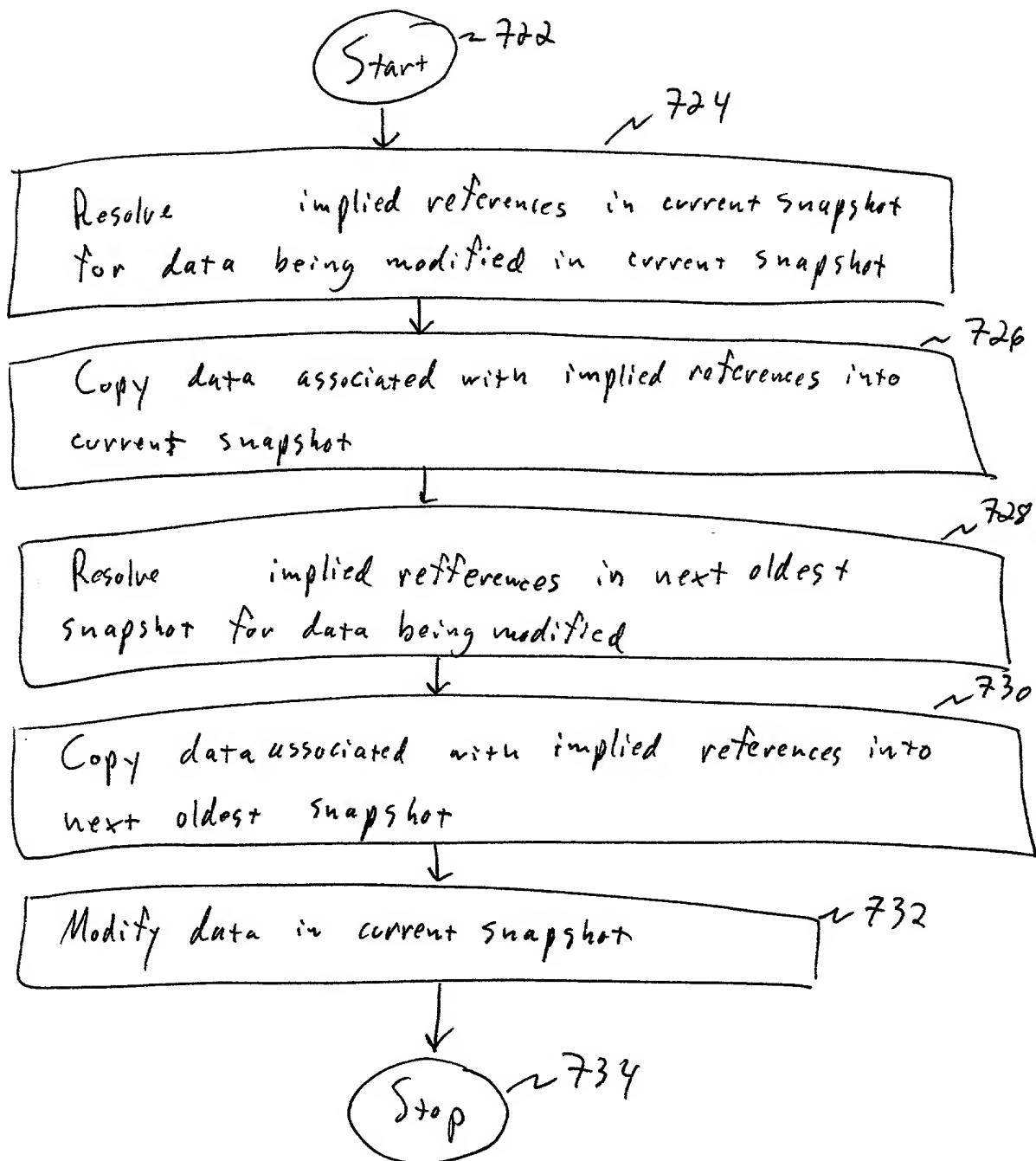


FIG. 7B

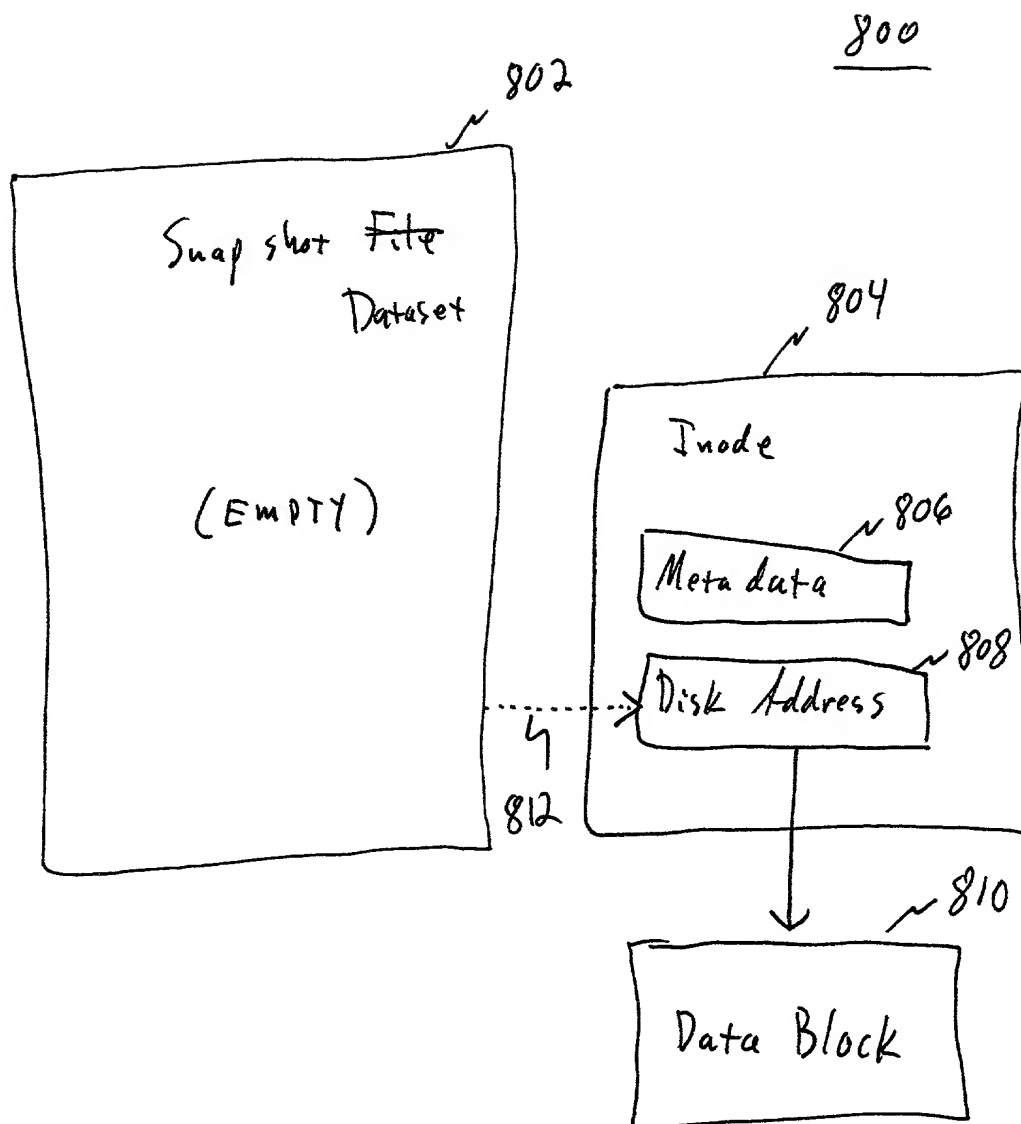


FIG. 8A

1007774.02400

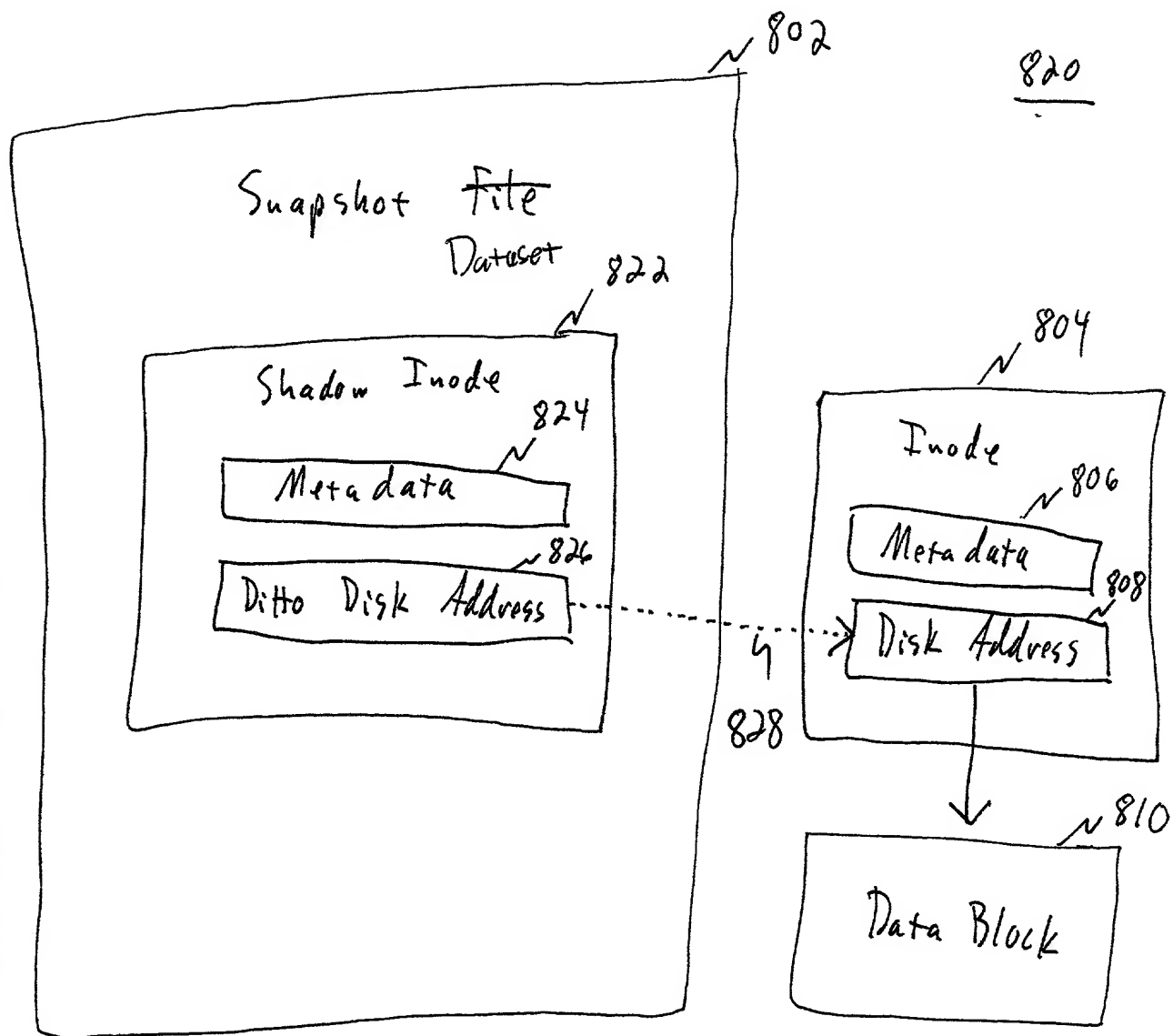


FIG. 8B

830

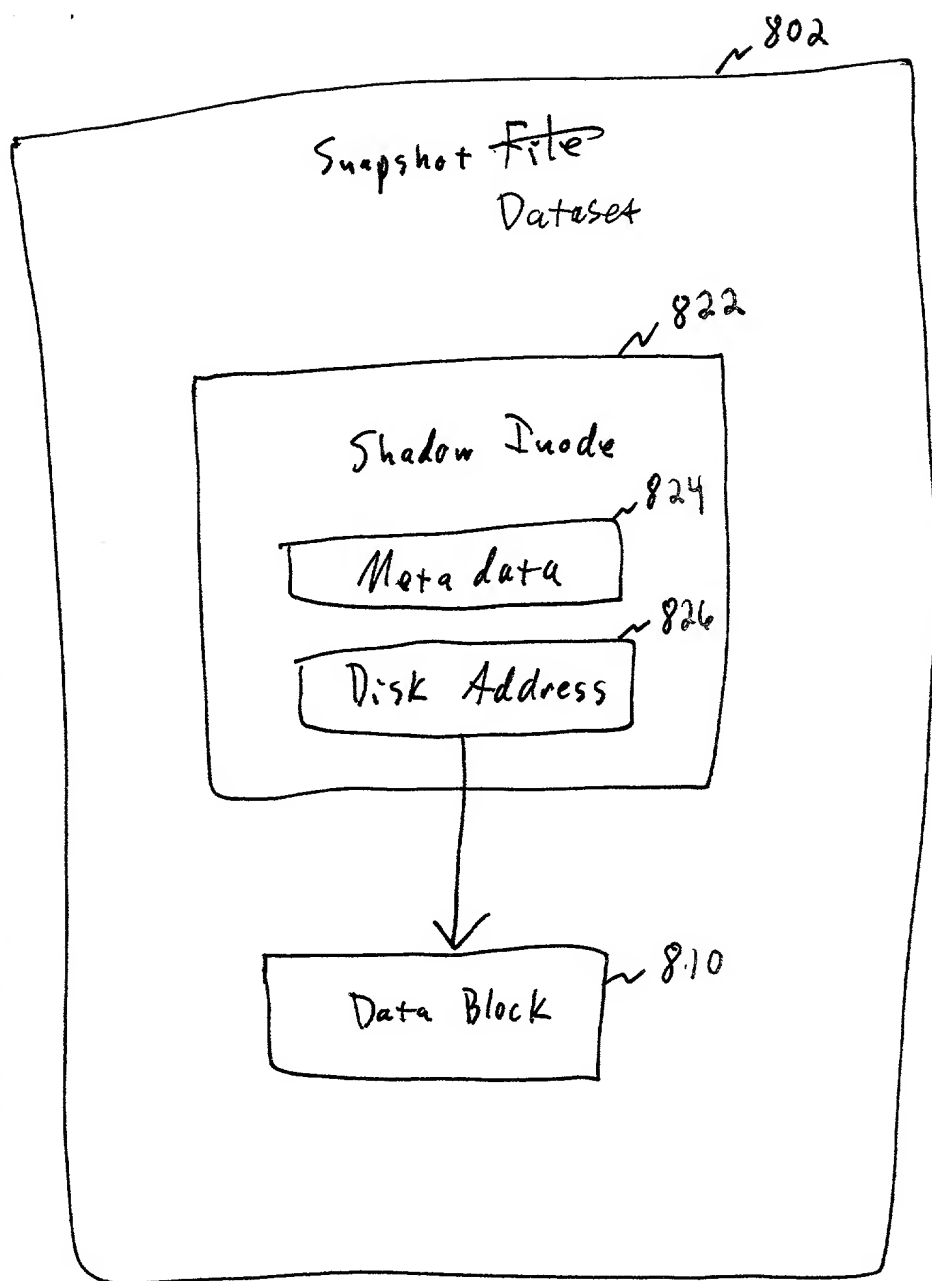


FIG. 8C

840

~802

Snapshot File Dataset

~822

Shadow Inode

~824

Meta data

~826

Disk Address

~842

Indirect Block

~844

Disk Address

~846

Disk Address

~848

Data Block

~850

Data Block

FIG. 8D

900

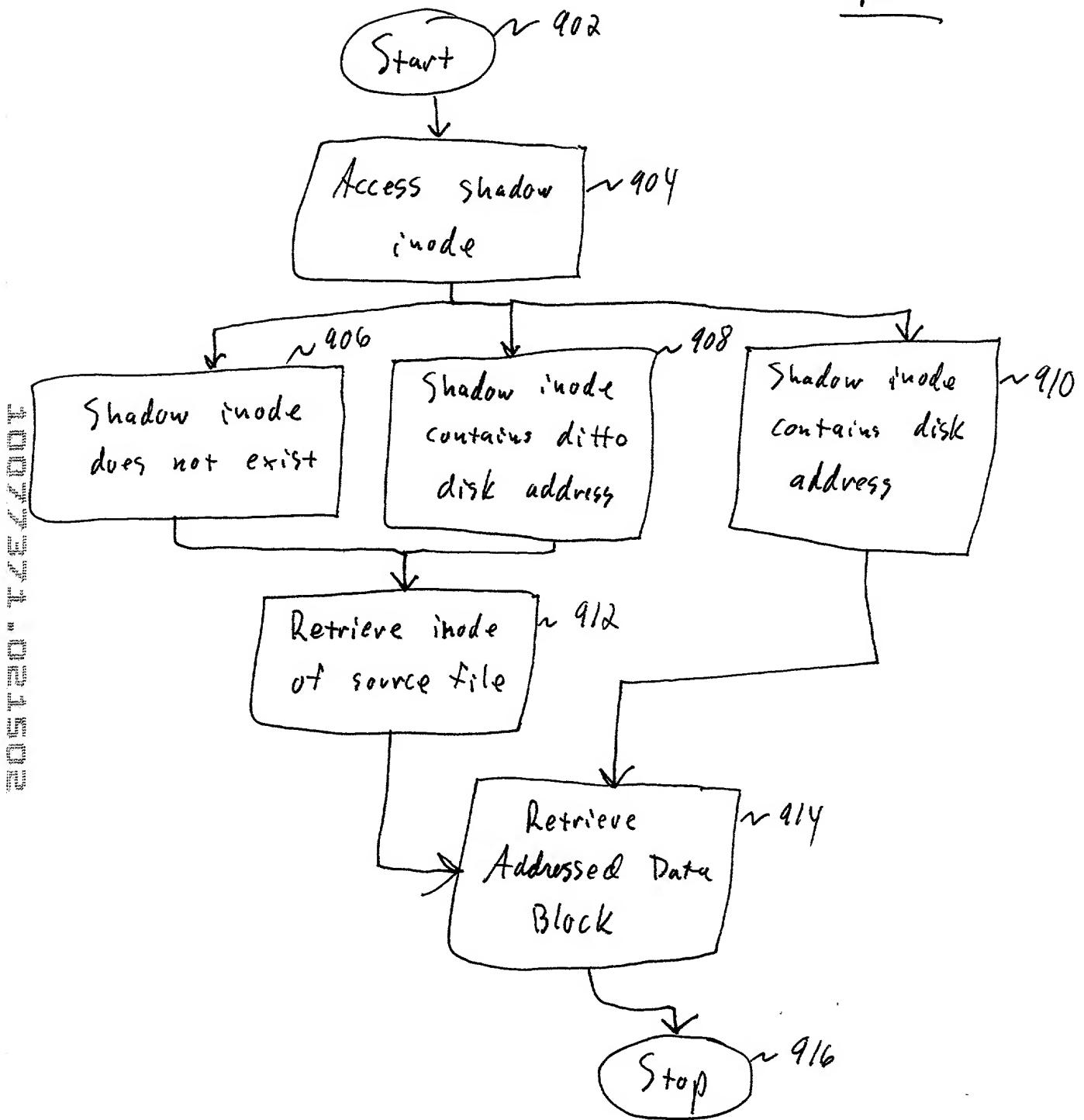


FIG. 9

1000

100777 021000
200120 1000

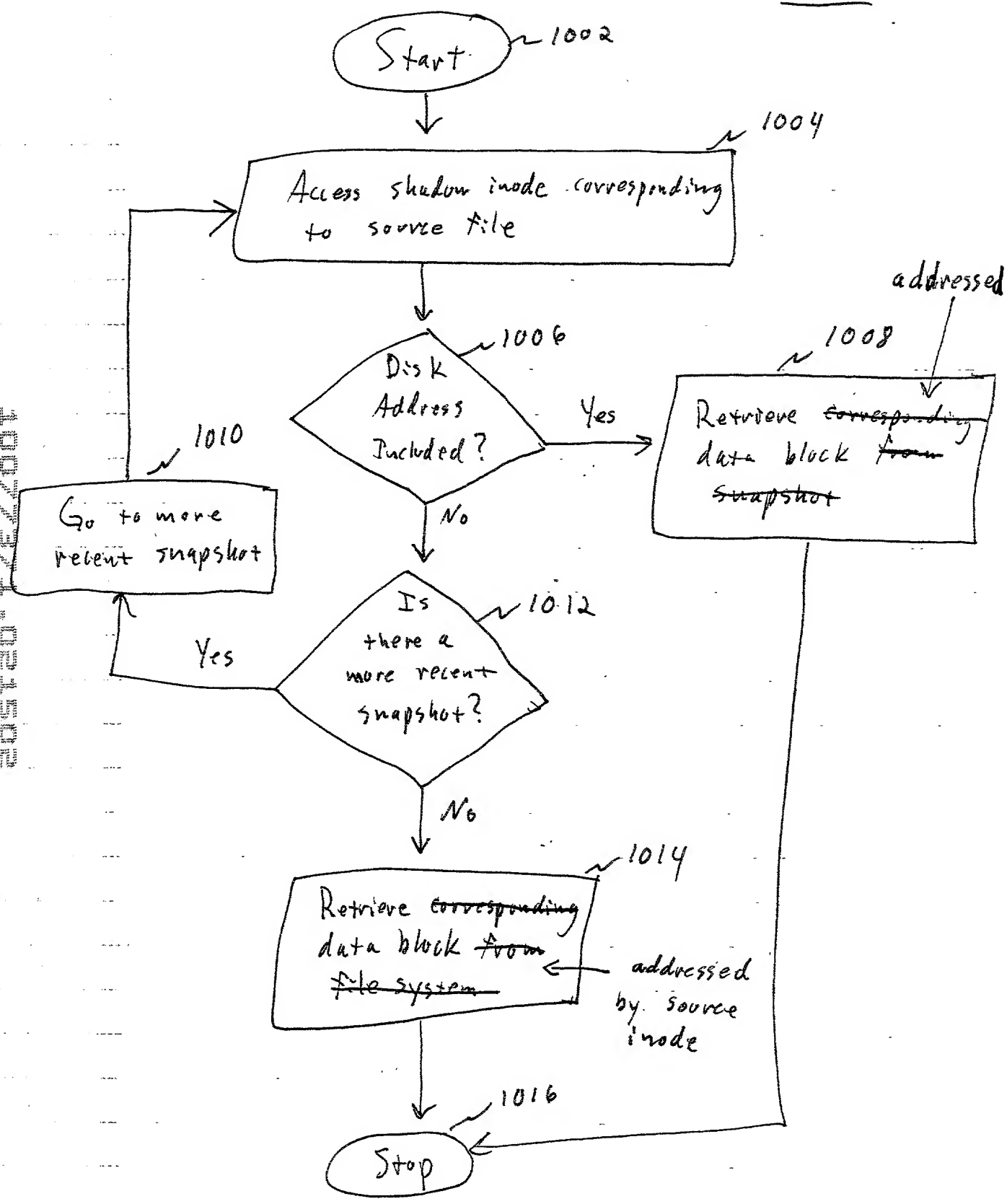


FIG. 10

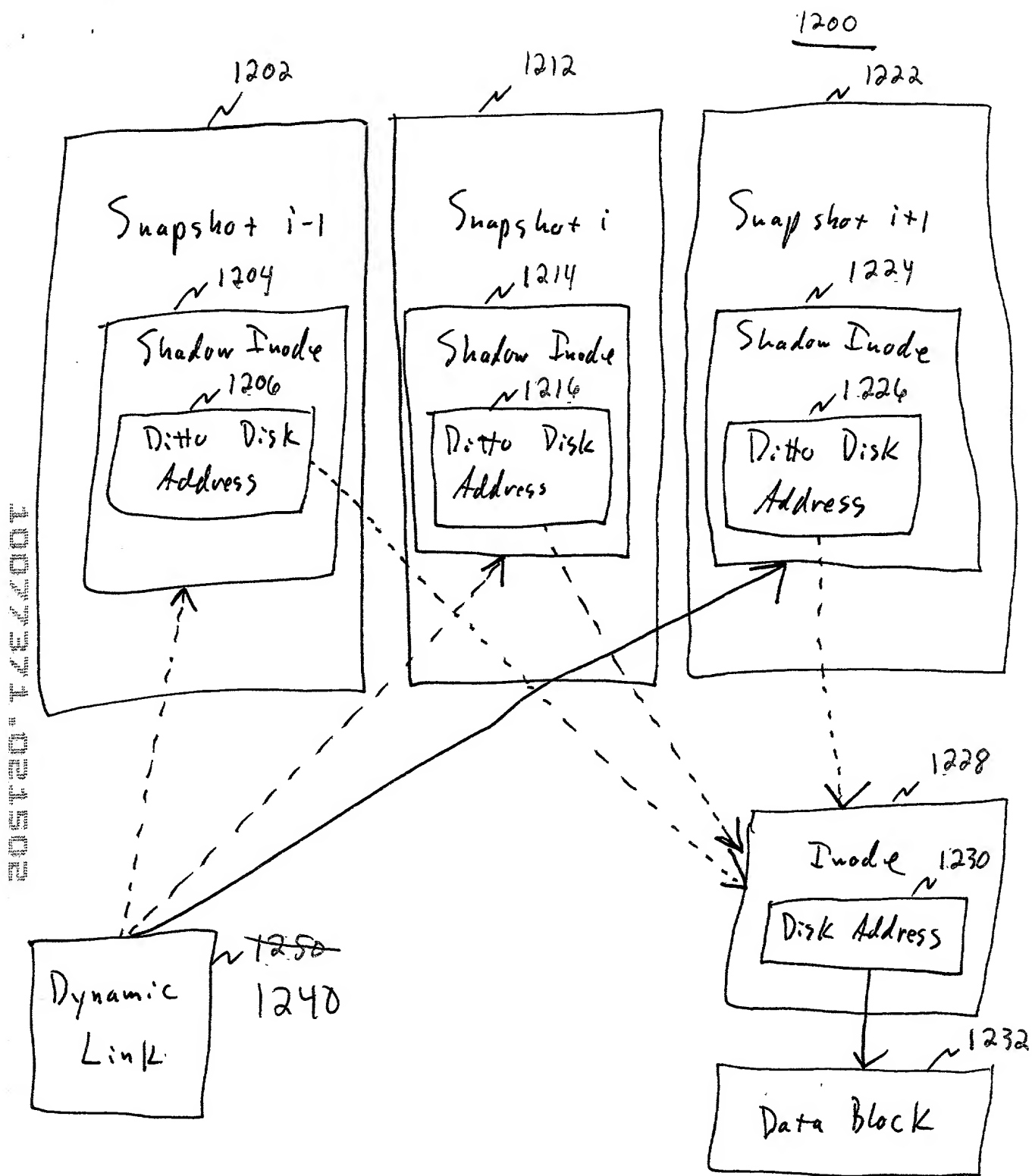


FIG. 12A

1250

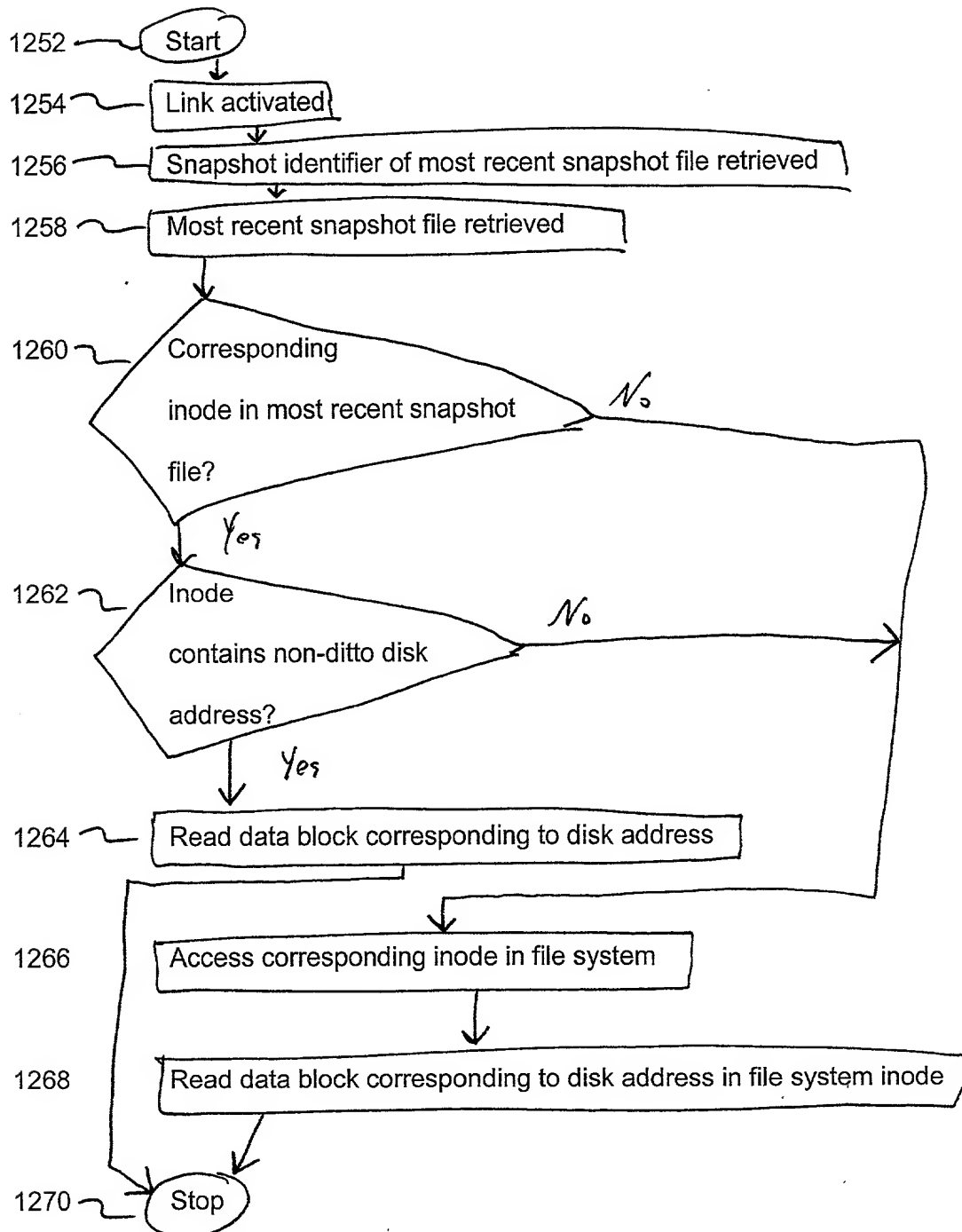


FIG 12B

1300

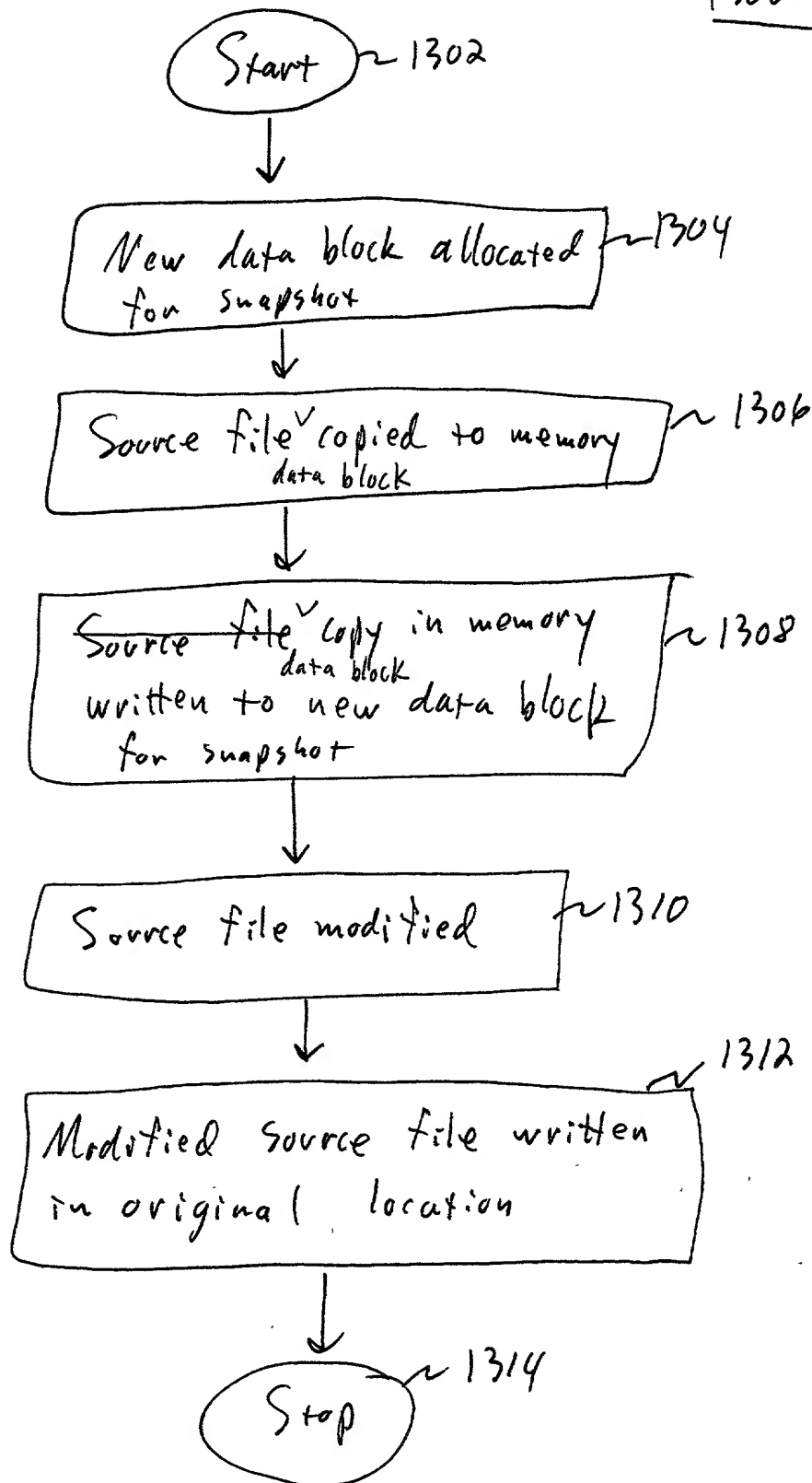


FIG. 13A

1320

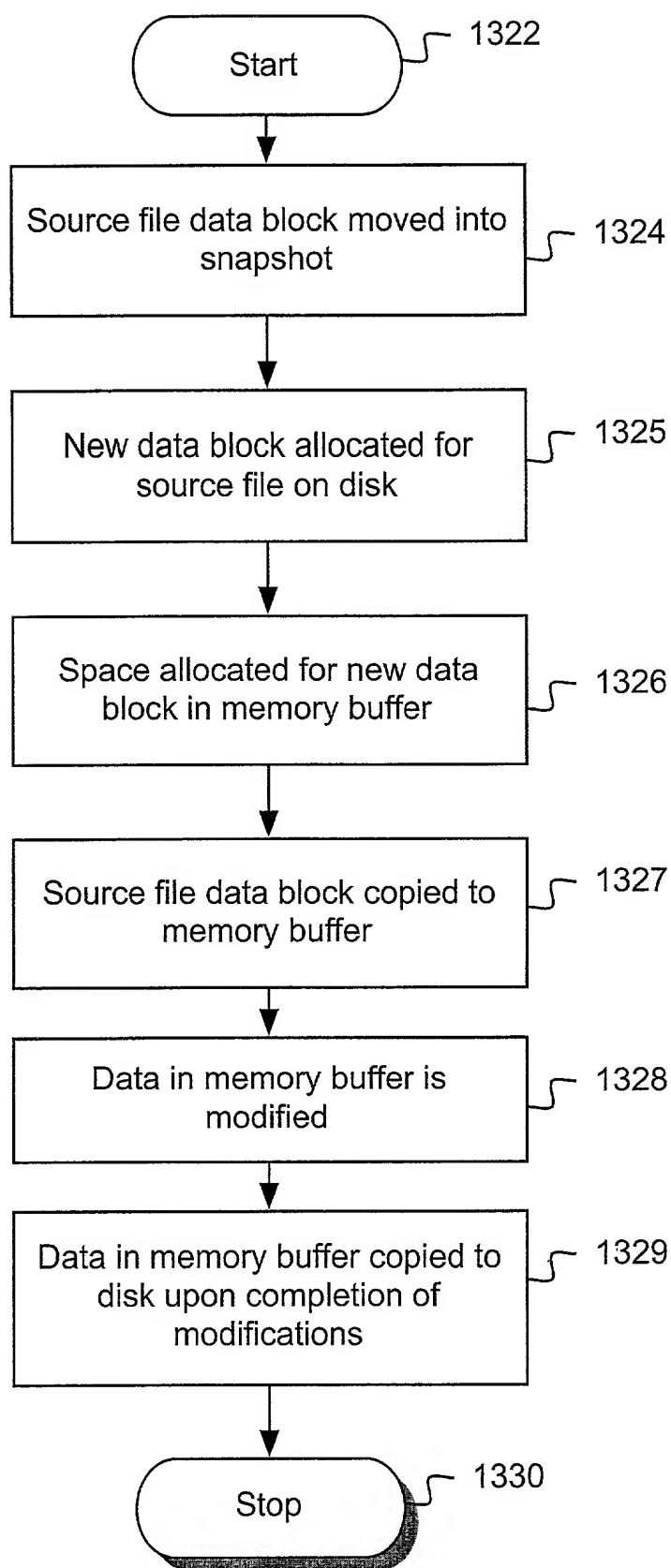


FIG 13B

1350

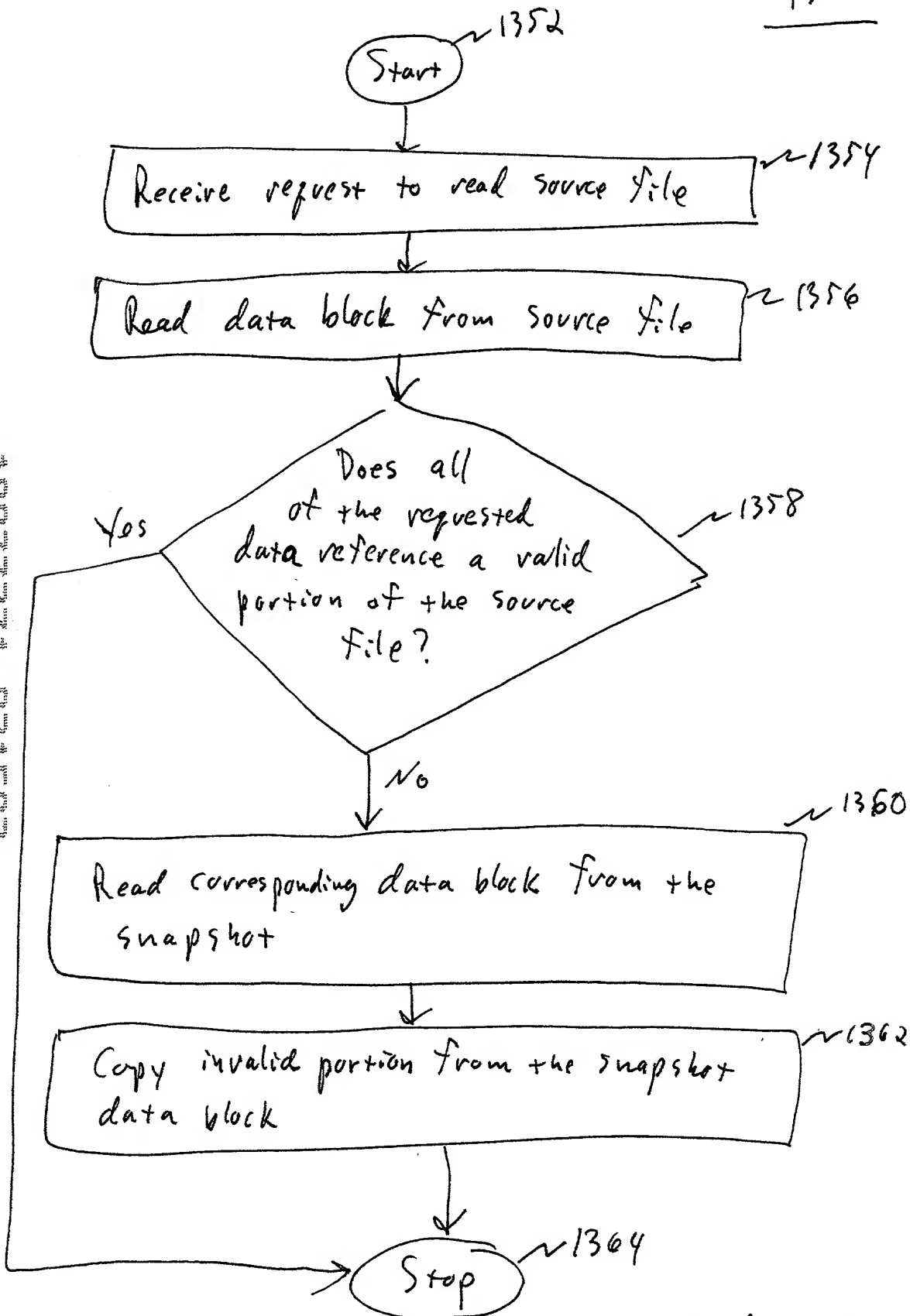


FIG. 13C

1400

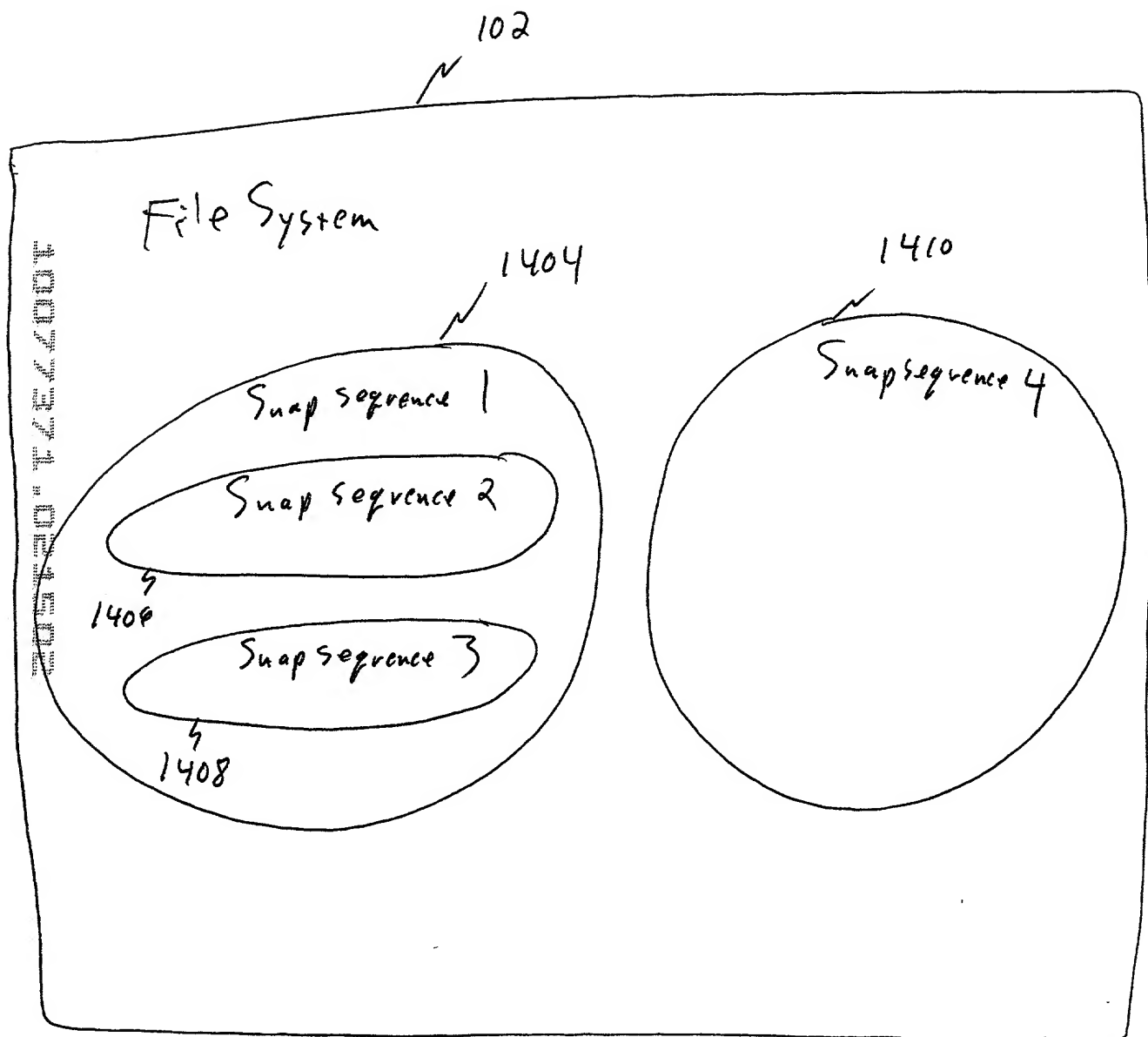


FIG. 14 A

1420

1422

Snapshot File Dataset

1430

Snap Sequence 1

1432

Inode

✓ 1434

Snap Sequence Id = 1

FileSnap Id = 1

1436

1438

Inode

1440

Snap Sequence Id = 1

File Snap Id = 1

5
1442

Snap Sequence 2

~1446

Inode

1448

Swap Sequence Id = 2

File Snap Id = 1

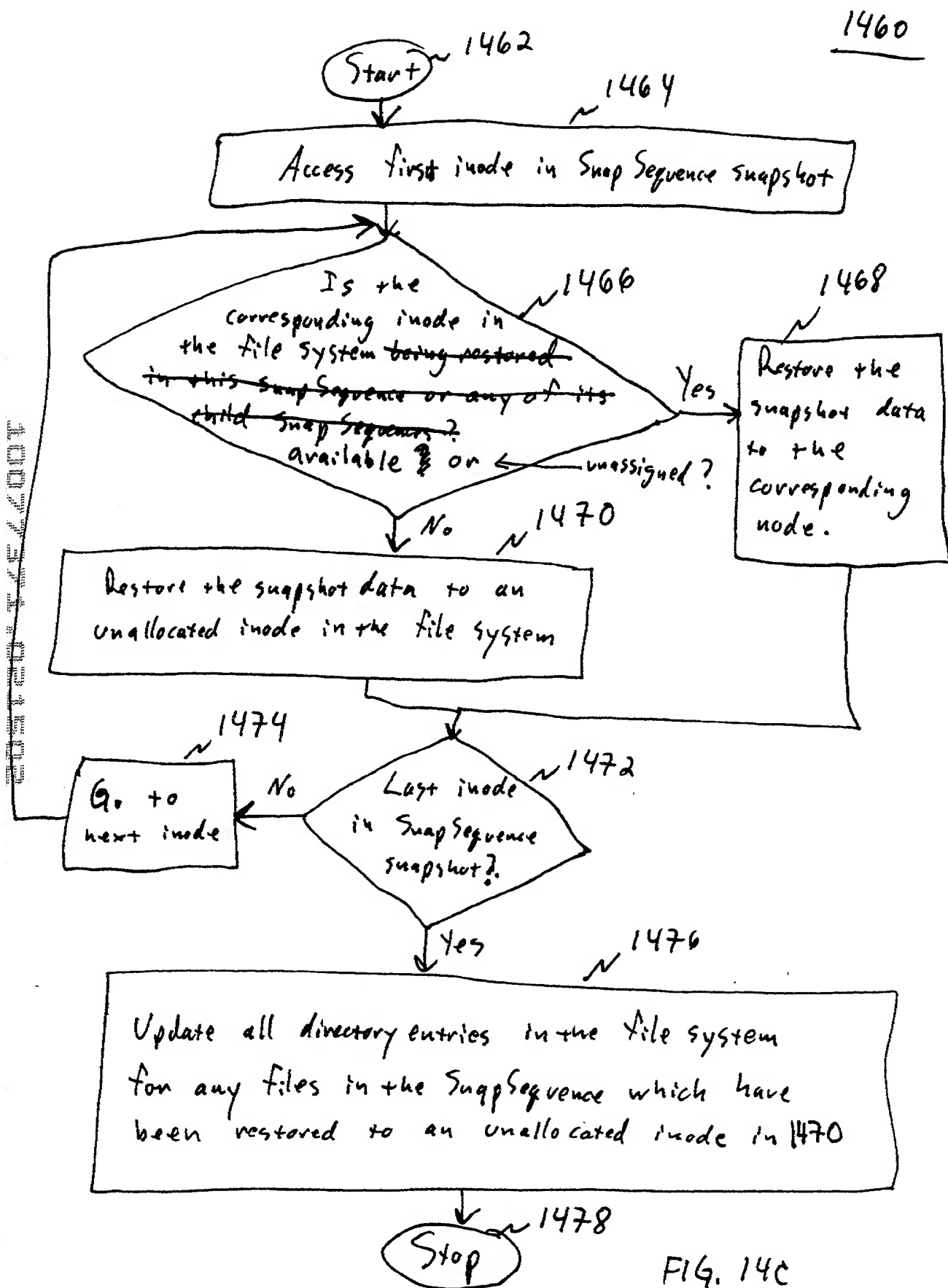
0541450

Link

1452

1444

FIG. 14B



1500

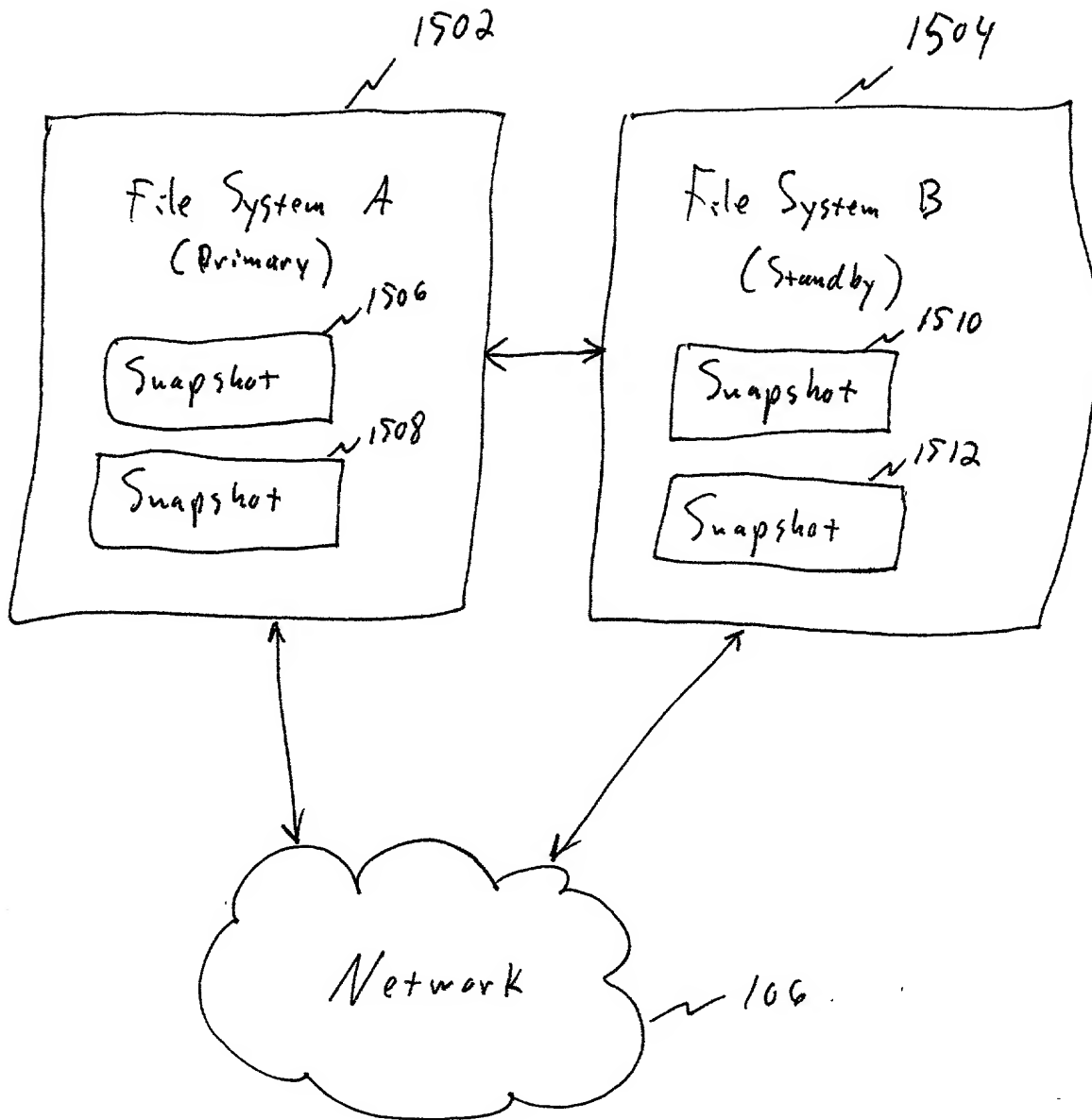


FIG. 15A

1520

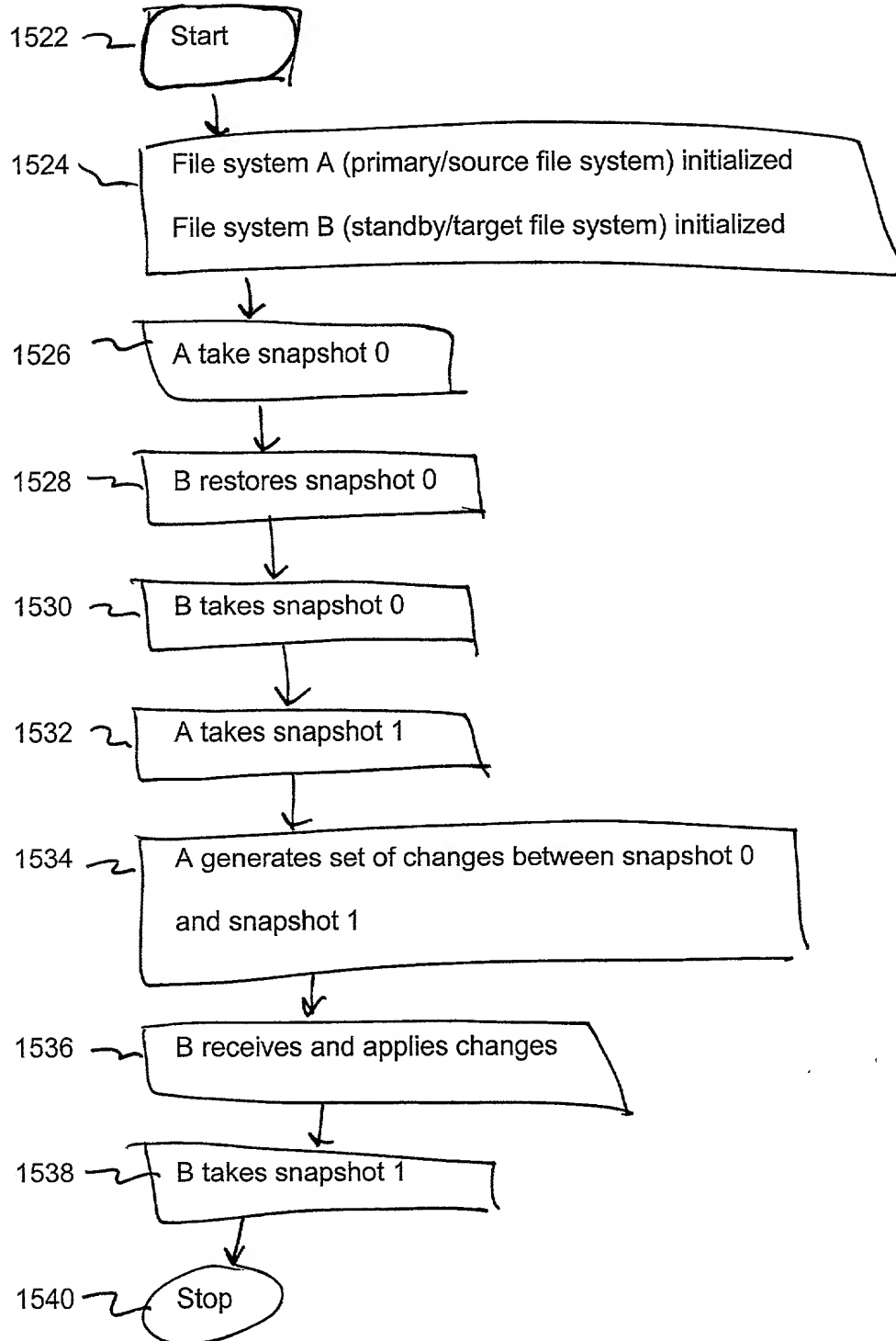


FIG. 15B

1540

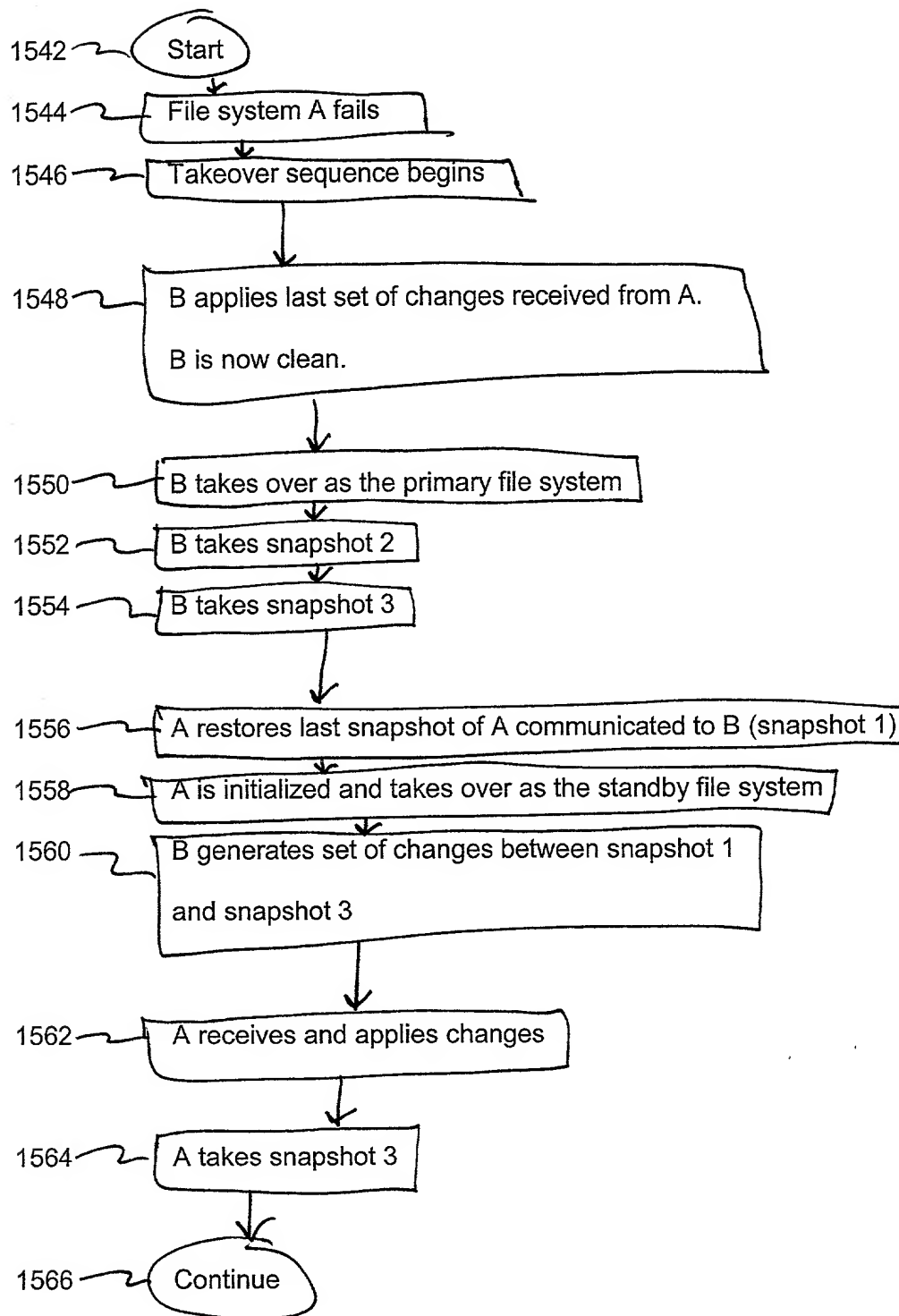


FIG. 15C

1590

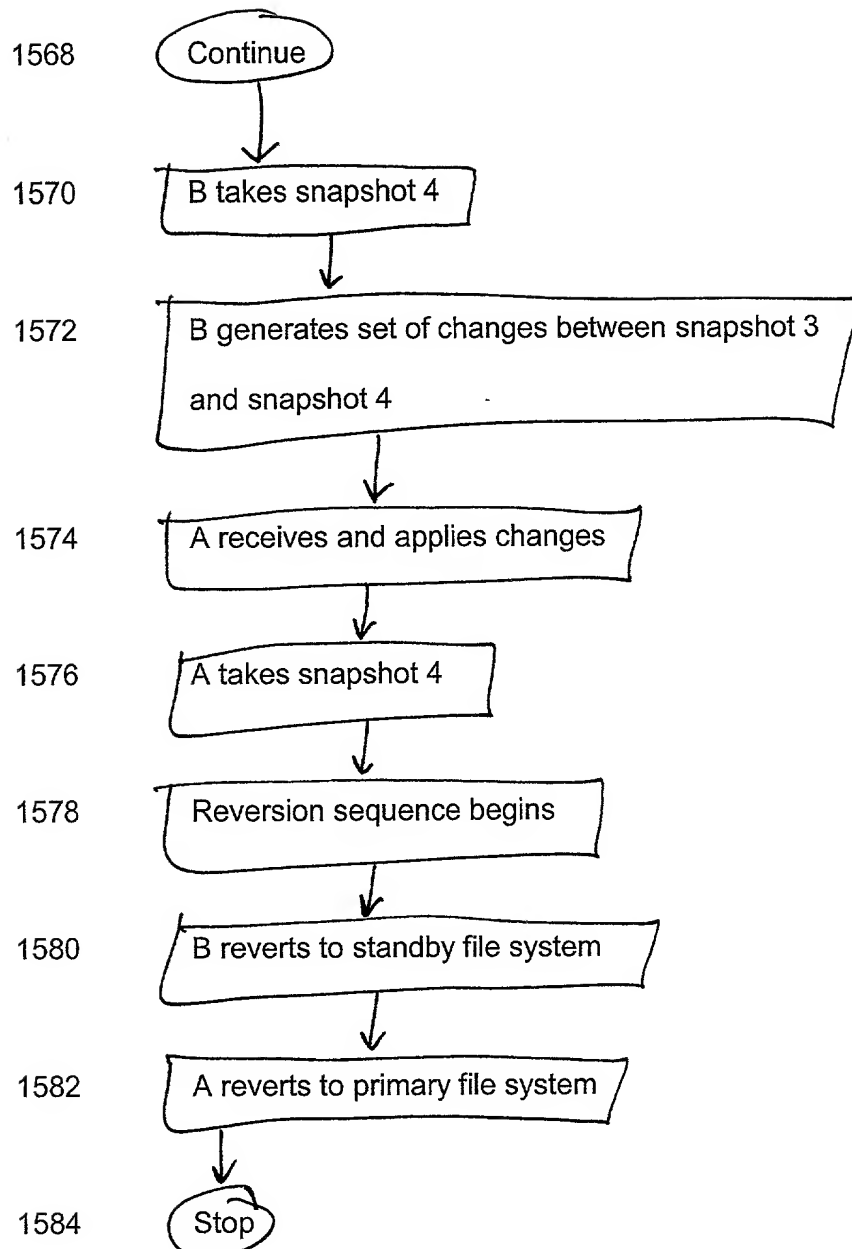
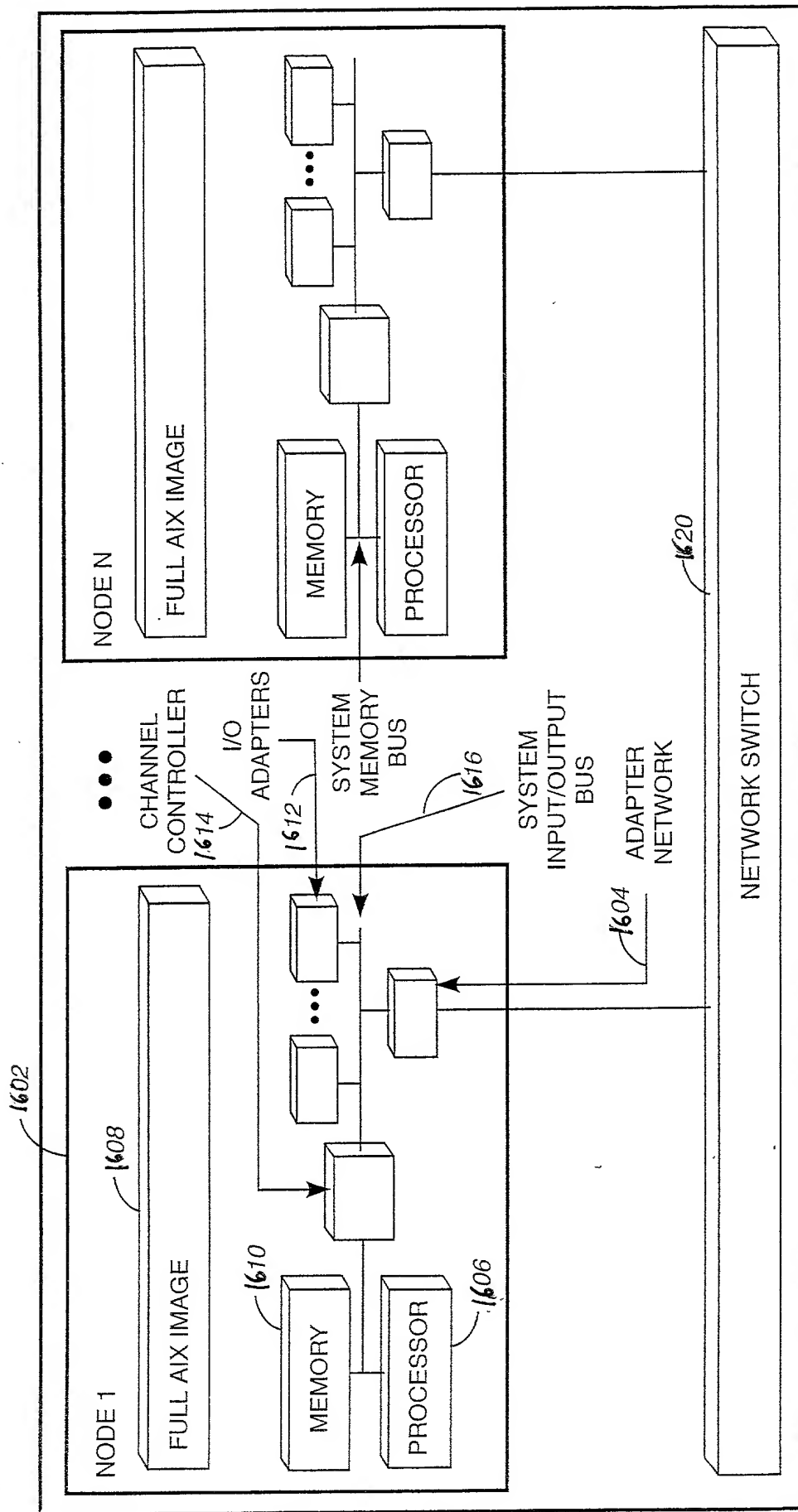


FIG. 15D



1600

FIG. 6

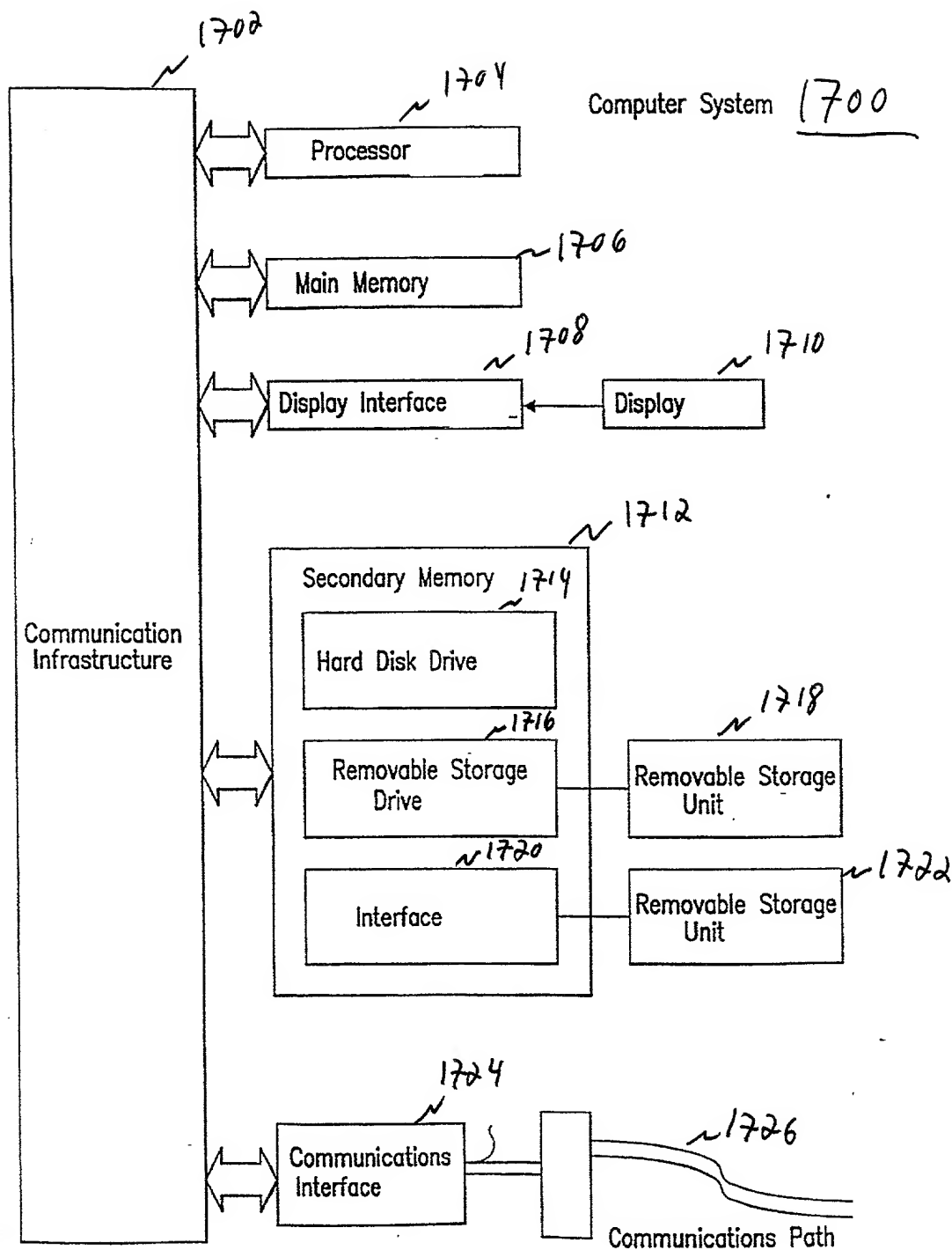


FIG. 17